

APRIL
2012

VOLUME 5,
ISSUE 3

SERVING NWS SKYWARN SPOTTERS,
CO-OP OBSERVERS & COCORAHs OBSERVERS

Sage Winds

National Weather Service - Boise, Idaho

www.weather.gov/boise

It's Raining, It's Pouring...

March rains persisted right to the end of the month. By the end of the day on March 31st, McCall had accrued just under 6 inches total monthly precipitation. (More precisely, 5.96 inches.) That's almost three times their normal March value of 2.03 inches!

Boise also greatly exceeded its monthly normal precipitation by measuring a total of 2.23 inches this March; 0.84 inches above normal.

This persistent precipitation, along with rapid snow-melt, caused drastic rises in flow on local rivers and streams. Overflowing rivers caused a 'state of emergency' declaration in New Meadows mid-month, mainly due to extensive in-town flooding. Many roads

were closed or reduced to one lane, including portions of Highway 55 between Cas-



Above: Flooding on Highway 55 on March 16, 2012.
Image courtesy of KTVB.

cade and Smith's Ferry. Later in the month, mudslides were reported in the vicinity of Banks, Idaho, while minor flooding occurred on the Weiser river near Weiser, Idaho.

Weather In The News

[Short-Term Wind Flow Imagery](#)
[by technologists at Hint.fm](#)



Hawaiian Hailstone Shatters State Record

A rare supercell thunderstorm dropped severe hail on Oahu on March 9th. The hail diameter, as defined by the longest axis, was measured to be four and one-quarter inches. That's the approximate size of a grapefruit!

The formation of supercells and severe hail is very rare in Hawaii. In fact, the previous state hail record was just one inch, and hail the size of a penny (3/4") or quarter (1") has only occurred eight times since Hawaiian weather records officially began in 1950. Despite shattering the Hawaiian record, the March 9th hailstone fell well short of the national record, which is held by a hailstone that fell in Vivian, South Dakota in July of 2010. The Vivian hailstone was measured to have a diameter of eight inches. Eight inches!

Top Right—

The Oahu hailstone from March 9, 2012.

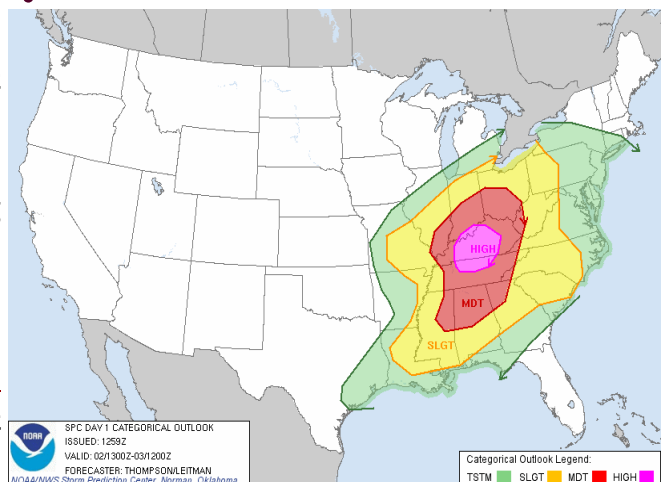
Bottom Right—

The Vivian, South Dakota hailstone from July 23, 2010.



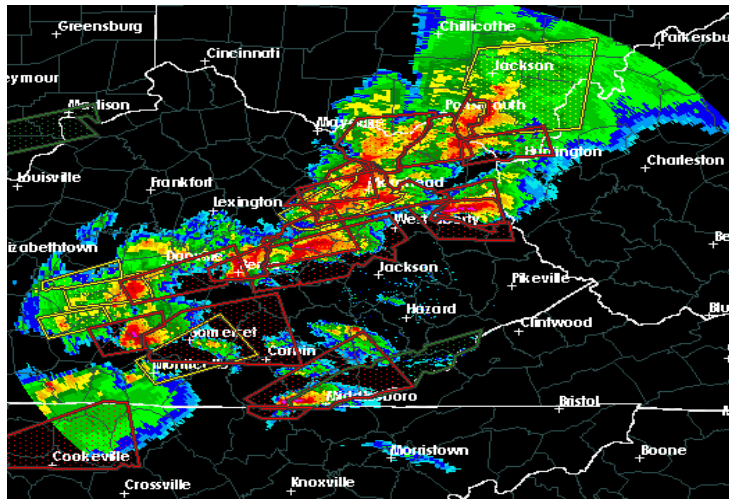
Kentucky Tornadoes

Kentucky experienced its share of severe weather this March. Significant weather events occurred on March 2nd and March 23rd, respectively, when severe storms brought strong winds, large hail, and extensive tornado damage. For more information about Kentucky's recent weather, refer to the [Jackson-WFO](#) and [Paducah-WFO](#)'s websites for a detailed account of each outbreak.



BOI.SPOTTER@NOAA.GOV

At right, is a composite radar reflectivity image of central and eastern Kentucky on March 2, 2012. The numerous red polygons are just some of the Tornado Warnings issued by the Jackson WFO that afternoon.



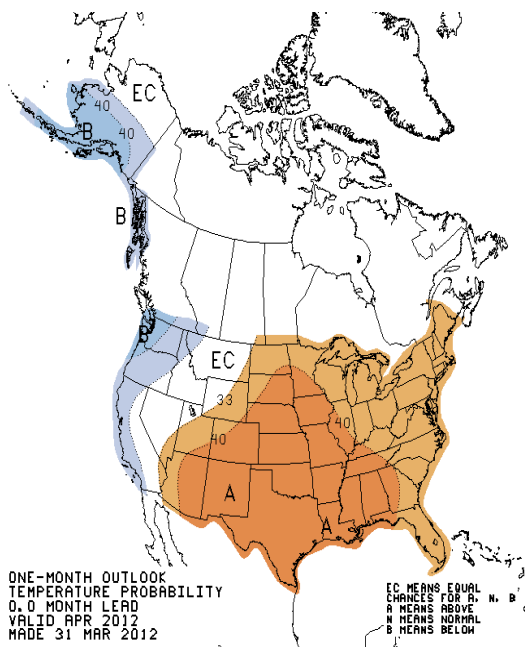
Weather Education Links

[NWS Flood Safety—The Awesome Power of Floods](#)

[NWS' 'Jet Stream—Online Weather School'](#)

[NOAA Education—Weather & the Atmosphere](#)

April Outlook



Temperature
Outlook
<<

Precipitation
Outlook
>>

